

AS 7640.1:2012



Rail Management - General



Infrastructure Standard



This Australian Standard® AS 7640.1 Rail Management - General was prepared by a RISSB Development Group consisting of representatives from the following organisations:

ARTC	Brookfield Rail	Queensland Rail
RailCorp	TransAdelaide	PTA
Rio Tinto		

The Standard was approved by the Development Group and the Infrastructure Standing Committee in June, 2012. On 23 August 2012 the RISSB Board approved the Standard for release.

This standard was issued for public consultation and was independently validated before being approved.

Development of the standard was undertaken in accordance with RISSB's accredited process, which includes an independent validation. As part of the approval process, the Standing Committee verified that proper process was followed in developing the standard.

RISSB wishes to acknowledge the positive contribution of subject matter experts in the development of this standard. Their efforts ranged from membership of the Development Group through to individuals providing comment on a draft of the standard during the open review.

I commend this standard to the Australasian Rail Industry as it represents industry good practice and has been developed through a rigorous process.



Kevin Taylor
Chief Executive Officer
Rail Industry Safety and Standards Board

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Document Details

First published as: AS 7640.1:2012

ISBN 978-1-74342-283-0

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PO Box 4271, Kingston ACT 2604, Australia

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Document Control

Identification

Document Title
AS 7640.1:2012 Rail Management - General

Document History

Publication Version	Effective Date	Reason for and Extent of Change(s)
2012	September 21, 2012	

Approval

Name	Date
Rail Industry Safety and Standards Board (RISSB)	21/09/2012

SECTION	CLAUSE	REQUIREMENTS	HAZARD
1		INTRODUCTION	
1.1		DISCLAIMER	
	1	This Rail Industry Safety and Standards Board (RISSB) Australian Infrastructure Standard has been drafted for use by rail operators and the rail industry in Australia.	N/A
	2	RISSB and all persons acting for the RISSB in preparing the standard disclaim any liability or responsibility to any person for any consequences arising directly or indirectly from the use by the rail industry or organisations of the standard in whole or in part, and whether or not in conjunction with, or as a supplement to, the standards which the rail industry already use.	N/A
	3	Users of the standard should be aware that, while using the standard, they must also comply with any relevant Commonwealth, State or Territory legislation relevant to their operations.	N/A
	4	Adherence to the standard does not replace or exclude the application of such legislative requirements.	N/A
	5	Users are responsible for making their own enquiries in relation to the application of legislation, and the framers of the standard accept no responsibility in this regard.	N/A
	6	Adherence to the standard does not necessarily ensure compliance with any relevant national standards and codes of practice.	N/A
	7	Users are responsible for making their own enquiries in relation to compliance with national standards and codes of practice.	N/A
	8	While all reasonable care has been taken in the preparation of this standard, it is provided to rail operators without any legal liability on the part of RISSB and RISSB [publisher, authors, consultants and editors each] takes no responsibility for loss suffered by any person resulting in any way from the use of, or reliance on, this publication.	N/A
	9	Responsibility rests with the rail organisation to ensure that all aspects of the standard are safe.	N/A
	10	© Rail Industry Safety and Standards Board	N/A
1.2		DOCUMENT CONTROL	
	1	Document Title : Railway Infrastructure - Rail Management - General	N/A
	2	Number: AS 7640.1	N/A
	3	Version: 1.0	N/A
	4	Publication Date: 21 September 2012	N/A
1.3		CONTENT	
1.3.1		Table of Contents	
	1	1. INTRODUCTION	N/A
	2	1.1 Disclaimer	N/A
	3	1.2 Document Control	N/A
	4	1.3 Content	N/A
	5	1.4 Purpose	N/A
	6	1.5 Scope	N/A
	7	1.6 Compliance	N/A
	8	1.7 Referenced Documents	N/A
	9	1.8 Definitions	N/A
	10	2. RAIL MANAGEMENT	N/A
	11	2.1 New Rail	N/A

SECTION	CLAUSE	REQUIREMENTS	HAZARD
	12	2.2 Serviceable Rail	N/A
	13	2.3 Rails in Existing Track	N/A
	14	3. CLOSURE RAIL	N/A
	15	3.1 Junction Rail	N/A
	16	3.2 Transition Rail	N/A
	17	4. GUARD RAIL	N/A
	18	5. CHECK RAIL IN PLAIN TRACK	N/A
	19	6. CUTTING AND DRILLING OF RAILS	N/A
	20	6.1 Flame Cutting Rail	N/A
	21	6.2 Flame Cutting Holes	N/A
	22	7. RAIL PROFILE AND GRINDING	N/A
	23	7.1 Rail Profiles	N/A
	24	7.2 Rail Surface finish	N/A
	25	8. RAIL LUBRICATION	N/A
	26	9. RAIL DEFECTS	N/A
	27	9.1 Rail Inspection	N/A
	28	9.2 Management of Rail Defects	N/A
	29	10. DECOMMISSIONING	N/A
1.3.2		Spreadsheet Layout	
	1	The "SECTION" plus "CLAUSE" columns provide a unique identifier for each sentence/row/requirement in the document, e.g. this is sentence Section 1.3.2 Clause 1	N/A
	2	The "REQUIREMENTS" column contains the main body of the document.	N/A
	3	White-coloured cells in the "REQUIREMENTS" column contain the document requirements.	N/A
	4	Green-coloured cells in the "REQUIREMENTS" column contain additional supporting information.	N/A
	5	Grey-coloured cells in the "REQUIREMENTS" column contain the section heading descriptions.	N/A
	6	The "TYPE" column categorises each row into one of supporting information (SUP), a heading (HED), a mandatory requirement (MAN) or a recommended requirement (REC).	N/A
	7	The "HAZARD" column lists the hazard number, taken from the Track and Civil Hazard Trees, for the hazard(s) being controlled by each requirement.	N/A
	8	The "IC" column identifies, by an "X" in the cell, those items that may need to be considered for inclusion in an Interface Coordination Plan.	N/A
	9	The "Background Information" column contains details about the source or rationale of a sentence/row/requirement.	N/A
1.4		PURPOSE	
	1	This Standard describes requirements for rail for design, construction, commissioning, inspection, monitoring, maintenance and decommissioning for of rail track infrastructure in Australia.	N/A
1.5		SCOPE	
	1	This Standard covers management of both new, existing and serviceable rails.	N/A
	2	This Standard applies to the management of rails in the permanent works of existing, upgraded and new main line tracks and branch lines as classified in AS 7630 Track classification.	N/A
	3	This Standard covers tracks as classified in AS 7630 Track Classification.	N/A
	4	Tram tracks, cane railway and monorail networks are not included.	N/A